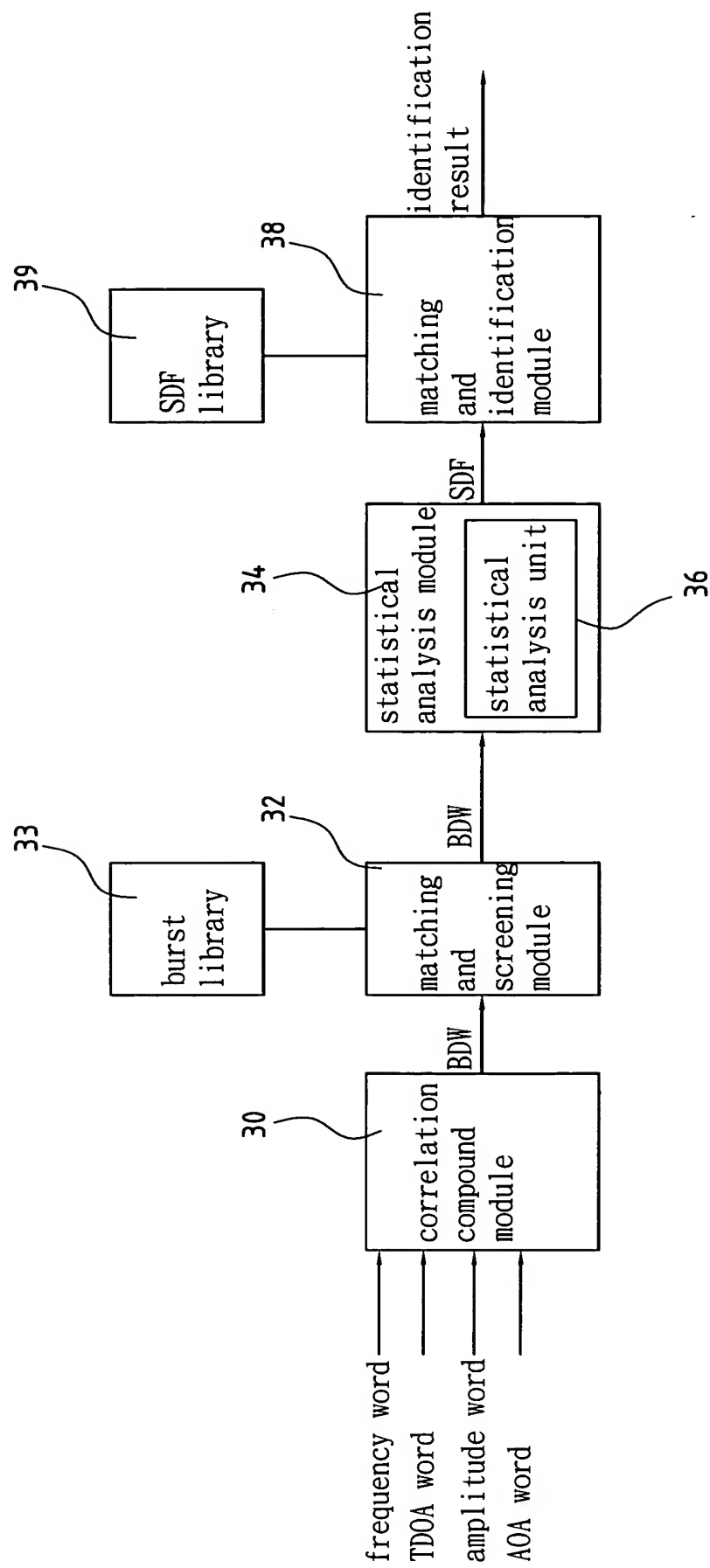


**FIG. 1**



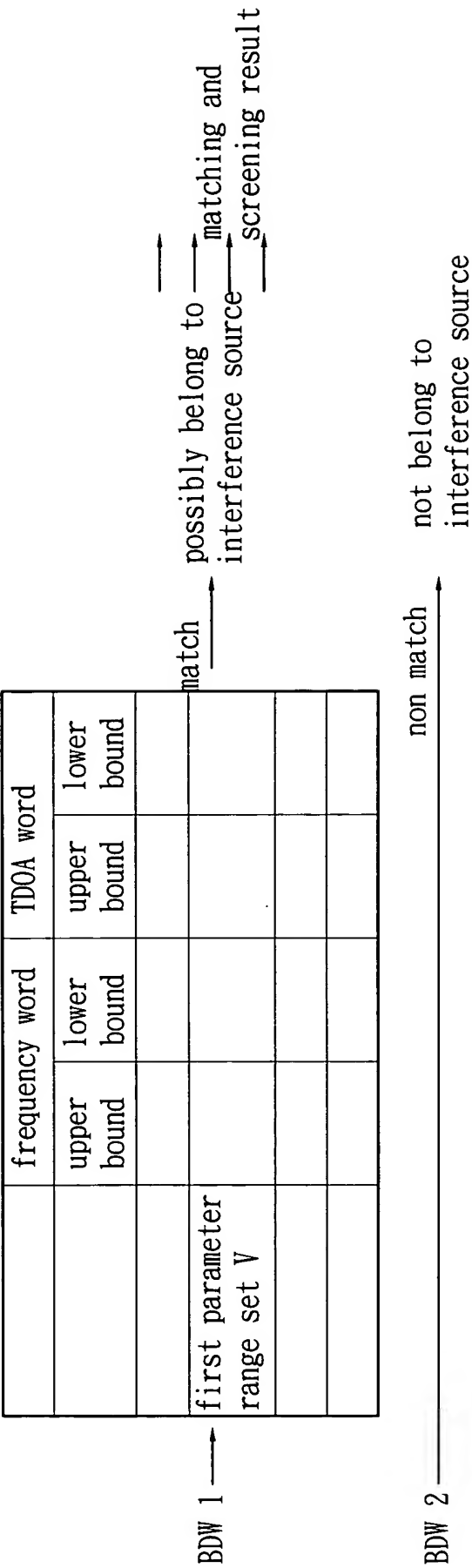
**FIG. 2**

library Name	parameter set category	matching method
burst library	first parameter range set	upper bound and lower bound of frequency word upper bound and lower bound of TDOA word
Statistical analysis unit	second parameter range set	Ranges of frequency word, TDOA word, amplitude word, AOA word
SDF library	third parameter range set	average upper bound, average lower bound and variance threshold of frequency word average lower bound and variance threshold of TDOA word

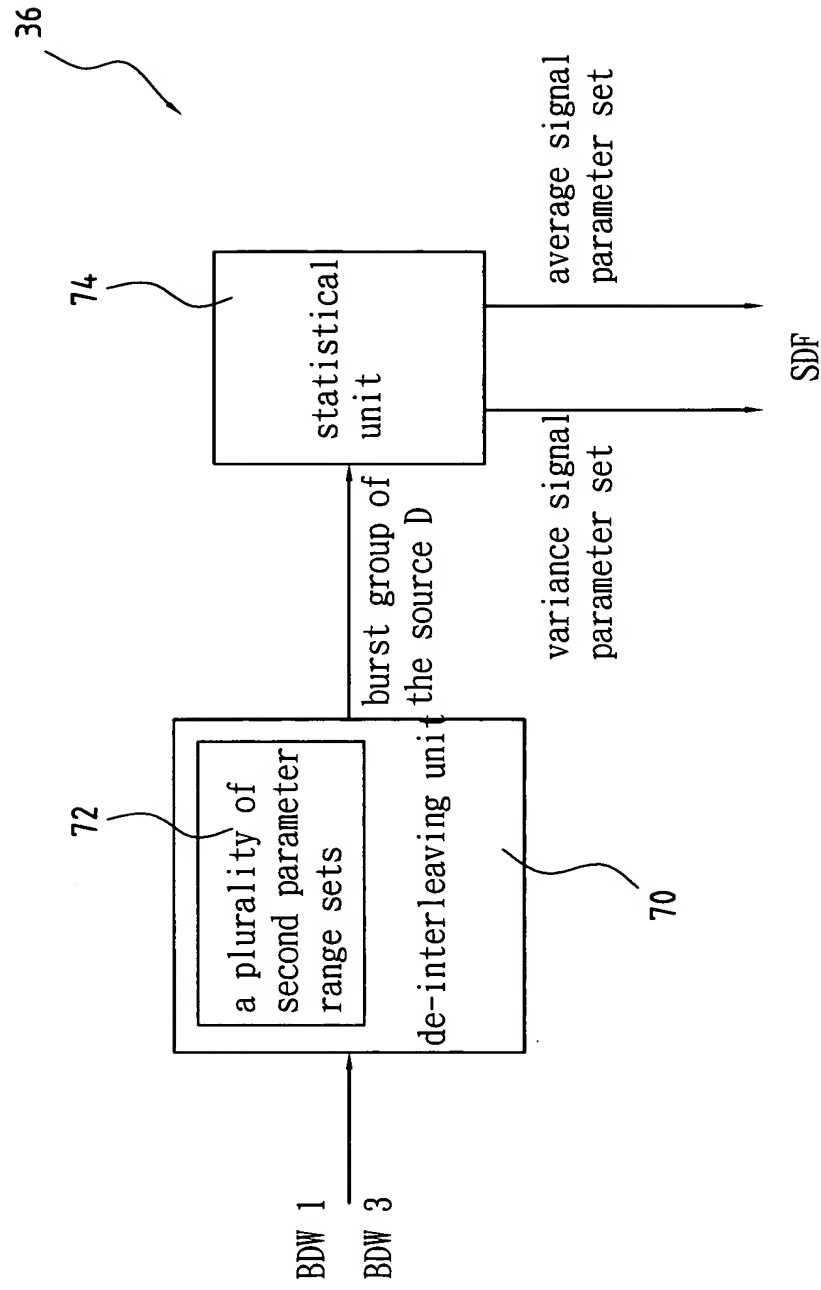
**FIG. 3**

	frequency word	TDOA word	Amplitude word	AOA word
Current BDW	40 MHz	50 ns	10 dB	3°
previous BDW	40.1 MHz	50 ns	10.1 dB	3.1°
tolerance range		tolerance range	tolerance range	tolerance range
same signal source				

**FIG. 4A**



**FIG. 4B**



**FIG. 5A**

	frequency word		TDOA word		Amplitude word		AOA word	
	upper bound	lower bound	upper bound	lower bound	upper bound	lower bound	upper bound	lower bound
second parameter range set D								

BDW 1

BDW 3

burst group of the source D

FIG. 5B

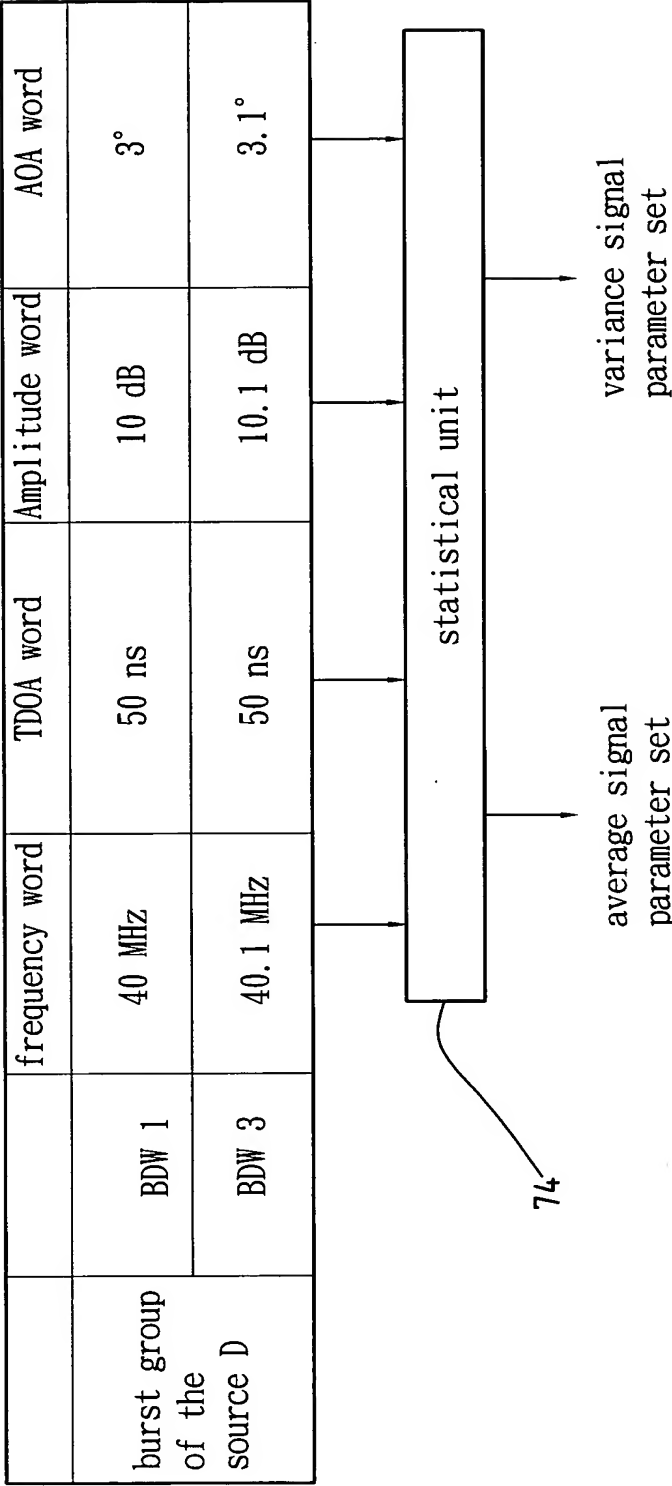
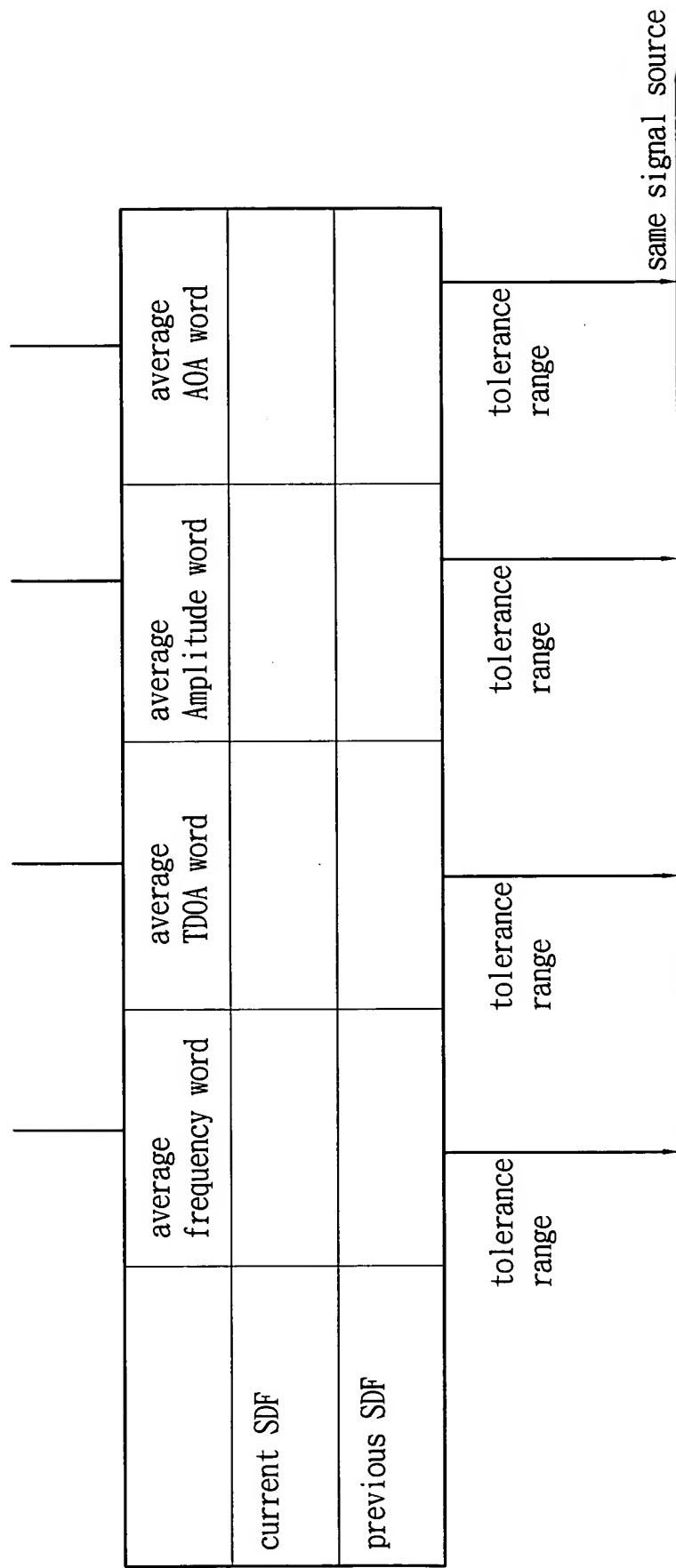


FIG. 5C





**FIG. 6A**

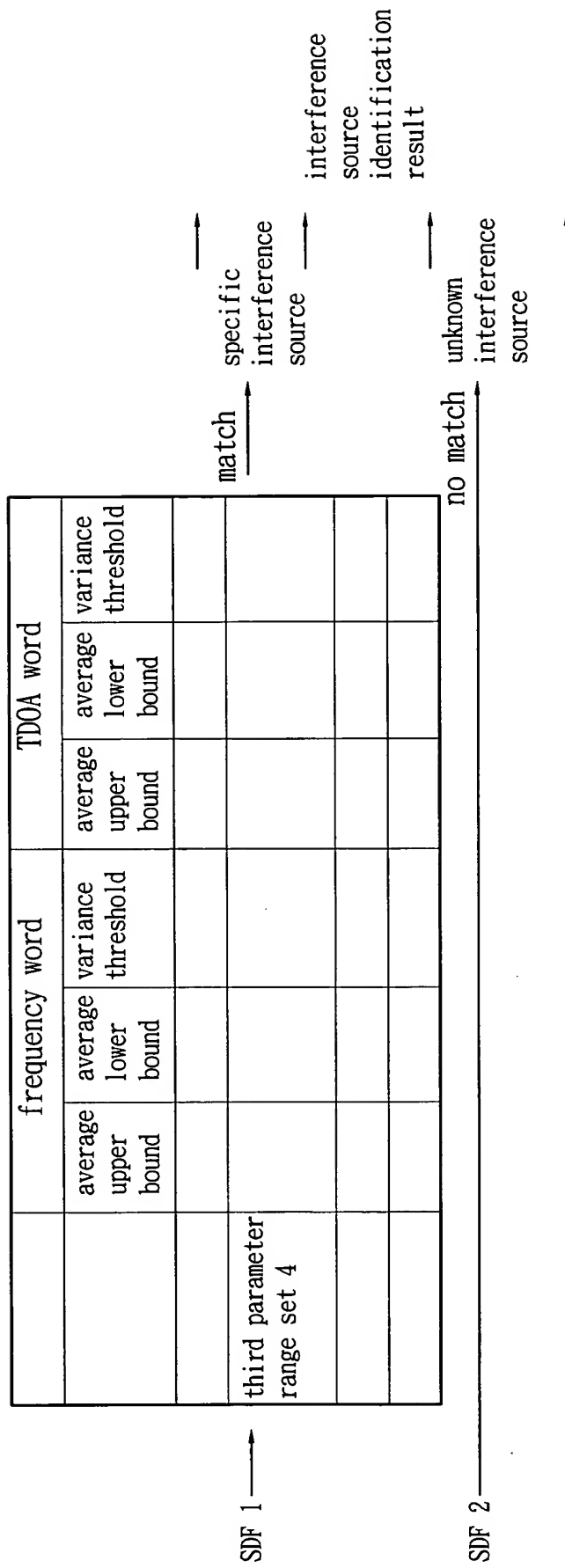


FIG. 6B